PRINCETON UNIVERSITY

Paid Research Internships for Justice-Impacted STEM Majors and STEM-Curious Undergraduates Summer 2024

Curtis Hillegas (left), associate CIO of Research Computing, gave a tour of Princeton's High-Performance Computing Research Center to formerly incarcerated students as part of a summer internship program in STEM research. Bridgett vonHoldt (center), an associate professor of ecology and evolutionary biology, directs the program; Claude McDougal (right) was one of this year's four interns. Photos by Sameer A. Khan/Fotobuddy

Summer internships can be great places to explore new topics, learn new skills, and build your academic network. Since 2017, the Princeton University Prison Teaching Initiative (PTI) has partnered with Princeton faculty to offer intensive paid summer research internships for justice-impacted undergraduate students. No particular previous is required and, whether not you have previously considered a major or career in a STEM (Science Technology, Engineering Mathematics) field, we welcome your application for summer 2024!

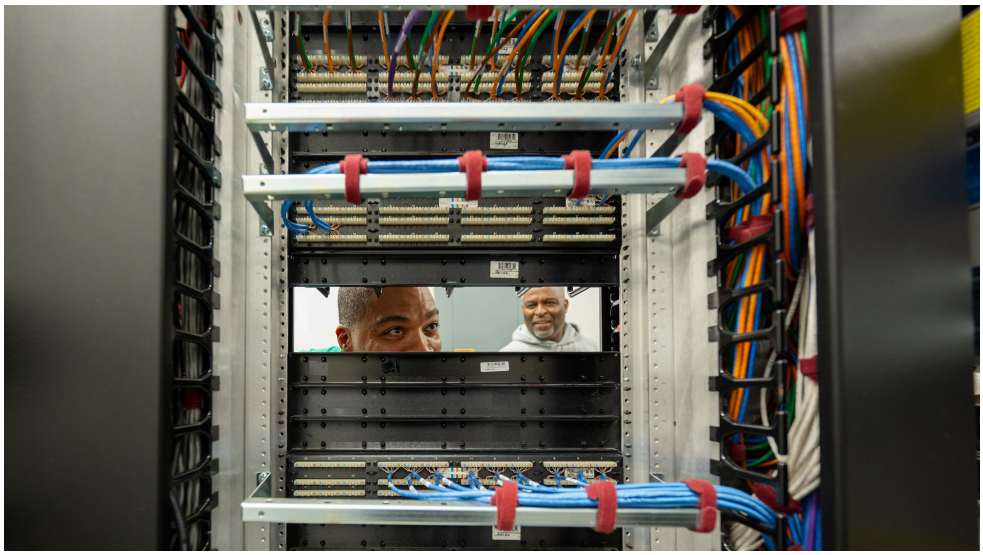
This summer, PTI is pleased to offer two internship opportunities for justice-impacted STEM-majors and STEM-curious undergraduates enrolled at two- or four-year institutions:

Coding Foundations of Research. Designed for undergraduate students who are excited to increase their familiarity with computers, this new program offers interns intensive training in computer literacy and computer languages. Students in this program will learn about computer-based applications and apply their new coding skills to analyze scientific data in a variety of STEM and social science fields.

Questions? Contact Chris Etienne (ce6411@princeton.edu)

Computational Biology Research: Gateway to STEM. The mission of this internship program funded by the U.S. National Science Foundation is to offer formerly incarcerated undergraduate students a research experience in computational biology as well as training in the principles of scientific thinking and research scholarship. Students in this program are assigned to join the research group of a participating faculty mentor. Participants will have guidance in their work from a day-to-day mentor in their faculty mentor's research group.

Questions? Contact Dr. Bridgett vonHoldt (vonholdt@princeton.edu)



Both internship opportunities...

-Are 9 weeks long, running from June 3 through August 2, 2024. These are full-time internships that require physical presence on Princeton's campus during the normal work week.
-Pay a stipend of $600 per week. Campus housing is also paid paid for by the program. A meal plan is also paid by the program and provides two meals a day. Interns unable to reside on campus may receive equivalent funds to defray housing, meals, and transportation costs.
-Begin with introductory training that includes computational workshops, data organization and documentation, scientific reasoning, and other topics. No previous experience in STEM is required.
-Include ongoing technology support, weekly community groups, access to a justice-impacted social worker, and social events.
-Free access to the University's considerable library, computing resources, gym (at cost), and other campus resources.

PRINCETON UNIVERSITY

Application for Paid Research Internships for Justice-Impacted STEM Majors and STEM-Curious Undergraduates
Summer 2024

Instructions:
Please download or print this form, enter your answers in this form, and save it as a PDF file for submission. Please provide answers to all of the questions. You will also need a scanned copy of your transcript, passport or permanent resident card, and health insurance card.

Please save each document in the PDF format and email to Dr. Jill Stockwell (jfstockw@princeton.edu) by March 8, 2024.

If you need help completing this application, please email Chris Etienne (ce6411@princeton.edu).

These two internships share a common application. Please indicate below which internship(s) you would like to apply to for this summer 2024. Note: You may choose one or both options.

- [ ] Coding Foundations of Research
- [ ] Computational Biology Research: Gateway to STEM

All fields are required unless otherwise noted.

YOUR CONTACT INFORMATION

Full Name (First Middle Last)

Email

Mobile phone number

EDUCATION

College / University

Highest Degree Offered at Your School

Major

Please supply your overall undergraduate GPA and grading scale (4 or 5).

Expected Degree

- [ ] Associate
- [ ] Bachelor's of Arts
- [ ] Bachelor's of Science

GPA in Major (or intended Major)

Major 2 (if you are a double major)

GPA in Major 2

Minor

GPA in Minor

Expected Graduation Year

COMPUTER SKILLS (*previous experience is NOT required*)

	Unfamiliar	Able to use	Proficient	Expert
Saving and Accessing Files	☐	☐	☐	☐
Online file storage and sharing (e.g. Google Drive)	☐	☐	☐	☐
Email programs	☐	☐	☐	☐
Online calendars and shared events	☐	☐	☐	☐
Search engines	☐	☐	☐	☐
Zoom/video conferencing	☐	☐	☐	☐
Literature databases (e.g. PubMed, JSTOR)	☐	☐	☐	☐
Microsoft Excel/spreadsheets	☐	☐	☐	☐
Microsoft PowerPoint/slideshows	☐	☐	☐	☐
Microsoft Word/text editors	☐	☐	☐	☐

PROGRAMMING LANGUAGES (*previous experience is NOT required*)

Command line interface (e.g. linux shell)	☐	☐	☐	☐
Git/version control	☐	☐	☐	☐
Github	☐	☐	☐	☐
Matlab	☐	☐	☐	☐
R/RStudio	☐	☐	☐	☐
Python	☐	☐	☐	☐
Jupyter notebooks	☐	☐	☐	☐

APPLICANT'S PERSONAL STATEMENT

It is important to address each point fully. Please enter your content in the labeled fields below. You are limited to the space provided within each section. Please use 11 or 12 point font.

1. Interest in a Summer Program: Describe why you are interested in a STEM summer internship at Princeton this summer. What do you hope to get out of your participation in the program? What are you hoping to contribute to the program?

2. Future: Describe your present educational and career plans. How are your academic interests related to your long-range plans?

3. Optional: Please use this space to provide any other information you think the program may want to know about you. This section can be used for us to know what support you would need in order to accept an offer if one is made. We would like to know anything you think you may need to enable you to attend this program. Our goal is to support your successful summer experience.

NAMES OF PERSONS WE CAN CONTACT AS REFERENCES

List the people who can support your application. Three names are required, and you must secure their permission before listing them. Be sure to inform each of your references that we may email them to set up a phone appointment to discuss your application. Letters are not required with your applicaton but we may later ask them for a letter for our records.

☐ I waive my right to inspect the contents of the recommendations.

Recommender 1

Name and title

Affiliation

Email

Please explain how this recommender knows you.

Recommender 2

Name and title

Affiliation

Email

Please explain how this recommender knows you.

Recommender 3

Name and title

Affiliation

Email

Please explain how this recommender knows you.

ALSO INCLUDE THESE ITEMS AS ATTACHED PDF DOCUMENTS:

1. Your application
2. Scanned copy of a transcript (official is preferred). You do not have to order an official transcript as a scanned copy is acceptable. If you do not have an official transcript available at the time of application, a scanned copy of an unofficial transcript can be submitted. However, an official copy may be required if before an offer is made.
3. Scanned copy of your health insurance card.*
4. For NSF Computational Biology only: scanned copy of Proof of citizenship (valid passport or permanent resident card).

You are required to maintain health insurance during the internship. Please explain if you have concerns or questions about this.

SUBMISSION OF APPLICATION MATERIALS

Please submit the below documents via email to Dr. Jill Stockwell (jfstockw@princeton.edu) by March 8, 2024.